

## Quiz 3: Pollution

### What to Study

Be prepared to explain the following:

- How do sediments disrupt an ecosystem? (3 ways)
- What happens when too many nutrients are added to water? Consider the impact the sequence of eutrophication has on each of the following and WHY they are affected
  - Phytoplankton
  - SAV
  - Bacteria
  - Animals
- What pH (#) is used to describe
  - Acids
  - Bases
  - Acid precipitation
- Specific impacts of air pollution on
  - Human health
  - Materials and buildings
- Greenhouse gases and ozone layer
  - Why are they each important? (different reasons)
  - Why are high levels of greenhouse gases considered pollution?
- Specific ways to treat/prevent pollution by
  - Combatting eutrophication
    - How can we attack the symptoms and/or reduce the amount of nutrients released into water?
  - Minimizing air pollution
    - What control strategies/legislation are being used?

Your quiz will be 6 questions, each worth from 2-4 points, for a total of 15 points.

There are also a few bonus questions, dealing with vocabulary words.